

What is claimed is:

1. An information reproducing method for displaying the same information on a plurality of screens in synchronization with one another, said method comprising the steps of:

5 connecting a plurality of terminal devices each for displaying said information on a screen for making communications through a network;

delivering schedule data for reproducing said information on said screens at an arbitrary time from a
10 terminal device which created said schedule data to other terminal devices through said network; and

instructing a terminal device which receives said schedule data to reproduce said information from among previously recorded information in accordance with
15 said schedule data.

2. The information reproducing method according to claim 1, further comprising the step of:

instructing said terminal device to receive said information delivered from said terminal device
5 which created said schedule data through said network, when information to be reproduced in accordance with said schedule data has not been recorded in a terminal device

which receives said schedule data.

3. The information reproducing method according to claim 1, wherein:

said schedule data includes unattended-
recording data for recording predetermined information
5 delivered at predetermined date and time.

4. The information reproducing method according to claim 1, wherein:

said schedule data includes scenario data which
records a manipulation procedure for special reproduction
5 executed during reproduction of said information together
with the lapse of time from the start of reproduction.

5. The information reproducing method according to claim 1, further comprising the steps of:

delivering manipulation data to other terminal
devices through said network, from a terminal device
5 which executes special reproduction during reproduction
of said information, said manipulation data including a
time at which the special reproduction is executed, the
type of the special reproduction, and a time elapsed from
the start of reproduction of said information; and
10 instructing a terminal device which receives

said manipulation data to calculate a position at which the special reproduction is started on said information based on said manipulation data, move a scene to said start position, and perform the same type of special reproduction as that performed by said terminal device which transmits said manipulation data from said start position to which the scene is moved.

6. An information reproducing system for displaying the same information on a plurality of screens in synchronization with one other, said system comprising:

- 5 an information reproducing terminal device for recording information delivered at predetermined date and time, and reproducing said information in accordance with schedule data received through a network, said schedule data instructing said information reproducing terminal
- 10 device to reproduce said information on said screen at an arbitrary time, wherein said information terminal device delivers said schedule data through the network when said information terminal device itself creates said schedule data; and
- 15 a schedule management server device storing said schedule data transmitted from said information reproducing terminal device, and returning said schedule

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data through the network to said information reproducing
terminal device which requests transmission of said
20 schedule data.

7. The information reproducing system according to
claim 6, wherein:

said information reproducing terminal device
receives information to be reproduced in accordance with
5 said schedule data through the network when said
information has not been recorded therein, and delivers
information corresponding to said schedule data when said
information reproducing terminal device creates said
schedule data, and
10 said schedule management server device stores
said information to be reproduced in accordance with said
schedule data, said information transmitted from said
information reproducing terminal device, and returns said
information to said information reproducing terminal
15 device which requests transmission of said information.

8. The information reproducing system according to
claim 6, wherein:

said schedule data includes unattended-
recording data for recording predetermined information
5 which is delivered at predetermined date and time.

9. The information reproducing system according to claim 6, wherein:

said schedule data includes scenario data which records a manipulation procedure for special reproduction
5 executed during reproduction of said information together with the lapse of time from the start of reproduction.

10. The information reproducing system according to claim 6, wherein:

said information reproducing terminal device delivers manipulation data including a time at which
5 special reproduction is executed during reproduction of said information, the type of the special reproduction, and a time elapsed from the start of reproduction of said information through the network;

said information reproducing terminal device,
10 upon receipt of said manipulation data through the network, calculates a position at which the special reproduction is started on said information based on said manipulation data, moves a reproduced scene to said start position, and performs the same type of special
15 reproduction as that performed by said terminal device which transmits said manipulation data from said start position to which the scene is moved, and

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said schedule management server device, upon receipt of said manipulation data from said information reproducing terminal device, transmits said manipulation data to each of information reproducing terminal devices owned by a group of users to which said information reproducing terminal device belongs.

11. A server device for conducting management for displaying the same information on a plurality of screens in synchronization with one another, comprising:

a data storage unit for storing schedule data
5 for reproducing said information on said screen at an arbitrary time, said information being transmitted from a terminal device for displaying said information on a screen through a network; and

a processing unit for returning said schedule
10 data to a terminal device which requests transmission of said schedule data through the network.

12. The server device according to claim 11,
wherein:

said data storage device stores information to be reproduced in accordance with said schedule data, said
5 information being transmitted from said terminal device, and

said processing unit returns said information to a terminal device which requests transmission of said information.

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13. The server device according to claim 11, wherein:

said schedule data includes unattended-
recording data for recording predetermined information
5 delivered at predetermined date and time.

14. The server device according to claim 11, wherein:

said schedule data includes scenario data which
records a manipulation procedure for special reproduction
5 executed during reproduction of said information together
with the lapse of time from the start of reproduction.

15. The server device according to claim 11, wherein:

said processing unit, upon receipt of
manipulation data including a time at which special
5 reproduction is executed during reproduction of said
information, the type of the special reproduction, and a
time elapsed from the start of reproduction of said
information from said terminal device, transmits said

manipulation data to respective terminal devices owned by
10 a group of users to which said terminal device belongs.

16. A terminal device for displaying the same
information on a screen in synchronization with a
plurality of other terminal devices, comprising:

an information reproducing section for
5 recording information delivered at predetermined date and
time, and schedule data received through a network for
reproducing said information on said screen at an
arbitrary time; and

an information processing section for
10 reproducing said information in accordance with said
schedule data, and delivering said schedule data through
the network when said information processing section
itself creates said schedule data.

17. The terminal device according to claim 16,
wherein:

said information processing section receives
information to be reproduced in accordance with said
5 schedule data if said information has not been recorded
therein, and delivers information corresponding to said
schedule data when said information processing section
itself creates said schedule data, and

10 said information reproducing section records
the information to be reproduced in accordance with said
schedule data, said information being received by said
information processing section.

18. The terminal device according to claim 16,
wherein:

 said schedule data includes unattended-
recording data for recording predetermined information
5 delivered at predetermined date and time.

19. The terminal device according to claim 16,
wherein:

 said schedule data includes scenario data which
records a manipulation procedure for special reproduction
5 executed during reproduction of said information together
with the lapse of time from the start of reproduction.

20. The terminal device according to claim 16,
wherein:

 said information processing section delivers
manipulation data including a time at which special
5 reproduction is executed during reproduction of said
information, the type of the special reproduction, and a
time elapsed from the start of reproduction of said

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information through the network, and upon receipt of said manipulation data through the network, calculates a position at which the special reproduction is started for said information based on said manipulation data, moves a reproduced scene to said start position, and performs the same type of special reproduction as that performed by said terminal device which transmits said manipulation data from said start position to which the scene is moved.

21. A program for causing a computer to execute processing for displaying the same information on a plurality of screens in synchronization, said program causing the computer to perform the steps of:
- 5 storing in a storage device schedule data for reproducing said information on said screen at an arbitrary time, said information being transmitted from a terminal device for displaying said information on a screen through a network; and
- 10 returning said schedule data to a terminal device which requests transmission of said schedule data through the network.

22. The program according to claim 21, further causing the computer to perform the steps of:

storing information to be reproduced in

accordance with said schedule data, said information
5 being transmitted from said terminal device; and
returning said information to a terminal device
which requests transmission of said information.

23. The program according to claim 21, wherein:
said schedule data includes unattended-
recording data for recording predetermined information
delivered at predetermined date and time.

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24. The program according to claim 21, wherein:
said schedule data includes scenario data which
records a manipulation procedure for special reproduction
executed during reproduction of said information together
5 with the lapse of time from the start of reproduction.

25. The program according to claim 21, further
causing the computer to perform the step of:
transmitting manipulation data to respective
terminal devices owned by a group of users to which said
5 terminal device belongs, upon receipt of said
manipulation data including a time at which special
reproduction is executed during reproduction of said
information, the type of the special reproduction, and a
time elapsed from the start of reproduction of said

10 information from said terminal device.

26. A program for causing a computer to execute processing for displaying the same information on a plurality of screens in synchronization, said program causing the computer to perform the steps of:

5 recording in a storage device information delivered at predetermined date and time, and schedule data received through a network for reproducing said information on said screen at an arbitrary time; and
reproducing said information in accordance with
10 said schedule data, and delivering said schedule data through a network when creating said schedule data.

27. The program according to claim 26, further causing the computer to perform the steps of:

receiving information to be reproduced in accordance with said schedule data if said information
5 has not been recorded therein;

storing said information in a storage device;
and

delivering information corresponding to said schedule data when creating said schedule data.

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28. The program according to claim 26, wherein:

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said schedule data includes unattended-
recording data for recording predetermined information
delivered at predetermined date and time.

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29. The program according to claim 26, wherein:

said schedule data includes scenario data which
records a manipulation procedure for special reproduction
executed during reproduction of said information together
5 with the lapse of time from the start of reproduction.

30. The program according to claim 26, further
causing the computer to perform the steps of:

delivering manipulation data through the
10 network, said manipulation data including a time at which
special reproduction is executed during reproduction of
said information, the type of the special reproduction,
and a time elapsed from the start of reproduction of said
information; and

15 upon receipt of said manipulation data through
the network, calculating a position at which the special
reproduction is started for said information based on
said manipulation data, moving a reproduced scene to said
start position, and performing the same type of special
20 reproduction as that performed by said terminal device
which transmits said manipulation data from said start

position to which the scene is moved.

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